

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please replace the paragraph starting on line 19 on page 1 with the following amended paragraph:

Existing Global System for Mobile communications (hereinafter "GSM") ~~[[GSM]]~~ modems operate, for setup and control purposes, similarly to known landline modems, such as compatible HAYES brand ~~Hayes-compatible~~ modems. Such modems generally act primarily as a transport mechanism for moving data between two devices, such as a client computer and a head-end server. In particular, the modem is configured to passively modulate data or control signals from the client computer or to passively push modulated signals through the modem to the client computer.

Please replace the paragraph starting at line 15 on page 7 with the following amended paragraph:

The wireless modem 204 is coupled to a wireless network 112, for example a GSM or GPRS network, via an over-the-air interface 110. The wireless network 112 is in turn coupled through a short message service center interface 114 to a head-end server 216. The head-end server 216 differs from head-end server 116 in that it is configured to send the SMS messages to the wireless modem 204 ~~[[208]]~~, the SMS messages including the wireless modem management information. No special programming is required, however, on the head-end server 216, ~~[[as]]~~ only the ASCII strings that comprise a standard SMS message need to be modified (as will be apparent in the description below, in particular with reference to Table 1).

Please replace the paragraph starting at line 3 on page 10 with the following amended paragraph:

After either step 316 or step 320, the initial processing terminates. It is noted, however, that processing likely involves further steps or specific functions that don't involve the actual handoff or identification of inbound SMS messages. Since such specific processing steps are generally beyond the scope of the invention, they are not further detailed hereinafter, rather, in step 316 [[516]] it is simply noted that the wireless modem processes the SMS message appropriately. In most cases, the same routines that handle data or commands from the user equipment 220 (for example the notification algorithms or other routines, as are described in U.S. patent application Ser. Nos. 09/44,020, which has been incorporated herein by reference in its entirety, and, entitled "DATA TERMINAL APPARATUS", filed Sep. 20, 1999, which is now incorporated herein by reference in its entirety) are used to handle data and commands passed from the head-end server 216 by way of SMS messaging.

Please replace the paragraph starting on line 6 on page 16 with the following amended paragraph:

FIG. 7 is a block diagram of electronic hardware that can function as a wireless modem 700, for example wireless modem 204 [[208]]. Wireless modem 700 includes power and clock circuitry 704. Preferably a power and ground plane are part of a printed circuit board that supports the electronic hardware. The clock signal is shown connected to a processor 708, although it can also be provided to the other elements comprising modem 700.